RAKU® TOOL SB-0470

Board Material

Polyurethane Board for Styling & Design

PC - Rev.-Status: 01- 2024/08/02

Key Properties

- Very fine and smooth surface structure
- Easily machined

Applications

- Styling models
- Master models
- Data control models

Mechanical Properties

			SB-0470
Color	visual		Apricot
Density	ASTM D-792	lb/ft^3	ca. 29.3
Coefficient of thermal expansion	ASTM D-3386	in/in/˚F x 10^{-6}	33 – 36
Deflection temperature, HDT	ASTM D-648	˚F	167 – 176
Glass Transition Temperature, Tg	DSC	˚F	203 – 212
Compressive strength	ASTM D-695	psi	1,450 – 2,176
Flexural strength	ASTM D-790	psi	1,450 – 2,176

Processing

The product should have a temperature of 68-77˚F during processing.

Packaging

RAKU® TOOL SB-0470	**59.1x19.7x** [2, 3.9, 5.9, 7.9]

Storage

The material should be stored flat and in a dry place. Temperature variations should be avoided during storage and transportation.

Handling Precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

For information on adhesives and repair pastes see the corresponding individual technical data sheets.